Ceiling

A.I.A. F 31F2

A-22

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Reprint of Catalog 39

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Items omitted in this reprint are superseded by Catalog 40.

RETURN TO DESIGN DIV.

GARCY REFLECTORS

PATENT OFFICE
APR 21 1941
Design Division

GARCY REFLECTORS

Division of

GARDEN CITY PLATING & MFG. CO., INC.

COR. OGDEN BLVD. & SO. TALMAN AVE. :-: CHICAGO

NEW YORK OFFICE & WAREHOUSE - - - 600 BROADWAY, N. Y. C.

A.I.A. File 31F2

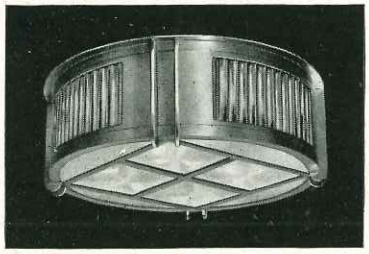
LENS LIGHTING

Approved by Underwriters' Laboratories

Upper photo is of Fellers' Store, Harrisburg, Pa.
Lower photo is of Queensboro Gas and Electric Co., N. Y.

Below is No. 6923 as designed for and used in Foley Bros., Houston, Tex. Shows typical application of lenses to special design fixtures, created by Garcy. Many special designs are available. Write for names of other installations, photos of special fixtures, detailed drawings and correctly engineered lighting layouts.

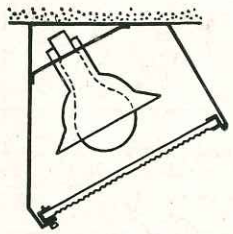
No. 6923. A special surface mounted four lens unit made of bronze or nickel silver with glass rods around fixture.

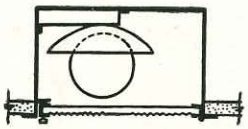


TO SPECIFY CONTINUOUS LENS TROUGHS:

1. Advise area to be illuminated.
2. Advise finish desired on exposed metal.
3. Advise overall length desired.
4. State whether 6½" lenses (style A), 8½" (style B) or 12" (style C).

No. 6827
Surface Mounted
Below





Above
No. 6826
Flush Recessed

CONDENSED ARCHITECTS' TYPICAL SPECIFICATIONS

Complete typical specifications (see page 3) would be as follows for FLUSH units:

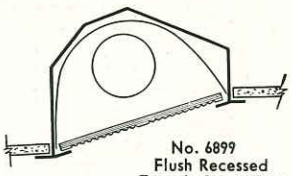
Furnish Garcy No. . . . fixtures, Underwriters approved, constructed of 16 gauge steel, welded joints, interior and exterior rust-proof finish. Knock-outs conveniently located for connections to pipe or BX. Frames of drawn, cast or extruded metal, with satin nickel finish.

Reflectors of 20 gauge ALZAK *finish, correctly designed for .... wattage. Lenses for light control to achieve accurate optical set-up as outlined by Garcy. Angle plaster frame No. 6527 to be installed.*

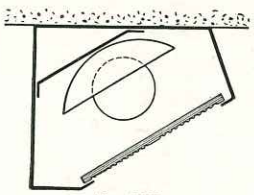
FOR EXPOSED OR SEMI-EXPOSED, same as above specifications, with addition of italicized sentences, see page 4 and page 5.

CONTINUOUS HOUSING LENS LIGHTING TROUGHS

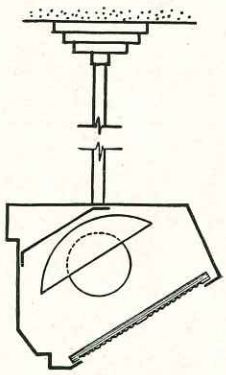
Continuous troughs with lens equipment offer ideal arrangements for lighting vertical surfaces. They can be furnished with exposed metal parts, any finish. See section below for various types of units. These items call for completely engineered layout. Write for plan layout and full size drawing of fixtures. Continuous trough fixtures are made for 6½", 8½" or 12" lenses depending upon application desired and necessary wattage.



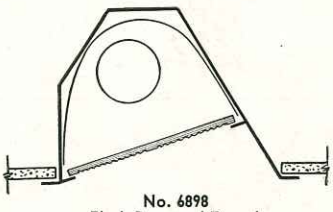
No. 6899
Flush Recessed
Trough for Offset
Ceiling



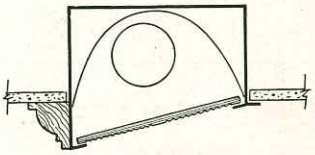
No. 6895
Surface Mounted



No. 6896
For Ceiling Suspension



No. 6898
Flush Recessed Trough

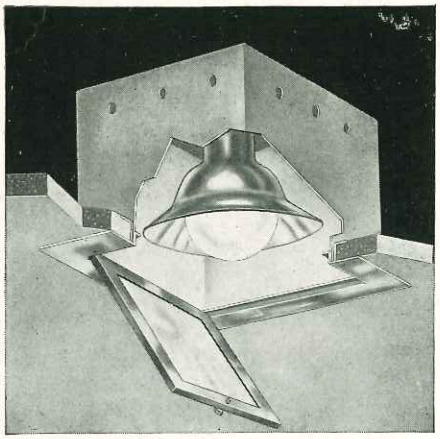


No. 6897
Partly Recessed Trough

Scale for Sectional Views 1/12 Actual Size—Based upon 12" Lenses

FLUSH RECESSED LENS FIXTURES

Approved by Underwriters' Laboratories



Illustrated is No. 8202

Recessed lighting units for installation where control of light is important. Particularly adapted to low ceiling heights, entrances, public buildings, stores, hospitals, gymnasiums, and store fixtures.

SPECIFICATIONS FOR FLUSH UNITS

1. ***Recessed boxes constructed of 16 gauge steel, welded joints, interior and exterior rust proof finish. Knock-outs conveniently located for connections to pipe or BX.***
2. ***Frames of drawn, cast or extruded metal, satin finish.*** One light units: hinged frame with continuous piano hinge and non-removable fastening screw. Frames are 3 inches overall more than box size. Multiple lens units — the lenses are removed by lifting up and dropping through diagonal of opening. ***Specify for other finishes*** on exposed frames:

Material	Finish	Place Letters After Numbers
Aluminum	Polished Aluminun	XA
Aluminum	Satin Aluminum	ZA
Bronze	Natural Bronze	BB
Bronze	Chromium Plated	NE

3. ***Reflectors of .20 gauge ALZAK finish correctly designed for lamps . . . . . wattage*** (see table). Prismatic glass reflectors are furnished for widest beam spread. Sockets are not wired.

ONE LIGHT FIXTURES

Fixture No.	Lenses	BOX SIZE Depth	Width	Length	LAMPS ★	Wattage Up To
8201	1—6½"	5⅛"	7⅞"	7⅞"	H	100 W
8202	1—6½"	7½"	7⅞"	7⅞"	V	100 W
8203*	1—8½"	4½"	10"	10"	H	1—15 W 1—150 W
8204	1—8½"	6"	10"	10"	H	150 W
8205	1—8½"	10"	10"	10"	V	150 W
8206	1—12"	7¾"	13¾"	13¾"	H	300 W
8207	1—12"	11"	13¾"	13¾"	V	300 W

TWO LIGHT FIXTURES

8208	2—6½"	5¼"	7⅞"	14⅝"	H	100 W
8209	2—6½"	7½"	7⅞"	14⅝"	V	100 W
8210	2—8½"	6½"	10"	18¾"	H	150 W
8211	2—8½"	10"	10"	18¾"	V	150 W
8212	2—12"	8¼"	13¾"	26"	H	300 W
8213	2—12"	11"	13¾"	26"	V	300 W

SQUARE FOUR LIGHT FIXTURES

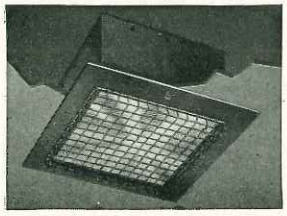
8216	4—8½"	6½"	14⅝"	14⅝"	H	150 W
8217	4—8½"	10"	18¾"	18¾"	V	150 W
8218	4—12"	8¼"	26"	26"	H	300 W
8219	4—12"	11"	26"	26"	V	300 W

* H=Horizontal V=Vertical

OTHER SIZE BOXES

Other size boxes available as desired. Example: for 3 light boxes, add ½" to lens size for added length. Other dimensions same. Four lights are similarly available rectangular.

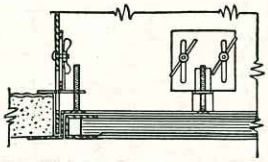
*No. 8203 is a special unit with shatterproof glass in front of lens for psychiatric wards, jails, hospitals, etc. Has two sockets, one for 15 W night light and one for 150 W lamp. Doors can only be opened by special screw driver, which Garcy furnishes with each order.



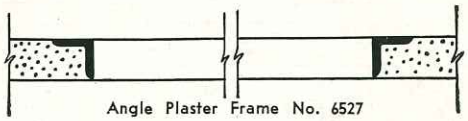
WIRE GUARDS

All units can be had with hinged wire guards as shown. Specify letters "WG" before number. Wire guards are made of steel, rustproof finish.

No. 6579 PAT. APPLIED FOR



4. ***Installation method No. 6579 incorporated on all boxes.*** Makes possible the easiest, quickest installation of recessed boxes. Will save hours on the job regardless of the type of ceiling. Frames will always fit tight preventing light leakage. Boxes can be inserted into existing ceilings because adjustable clips, inserted from interior of box and fastened with wing nuts, allow for any thickness of ceiling construction.
5. ***Lenses for light control achieve accurate optical set-up as outlined by Garcy.*** Standard fixtures are furnished for average light distribution. Specify if wide spread is desired. If light is concentrated over limited area or projected at angle to lense, furnish details as to where light is desired and fixture will be so arranged.

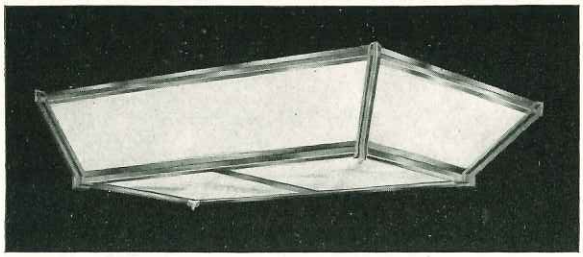


Angle Plaster Frame No. 6527

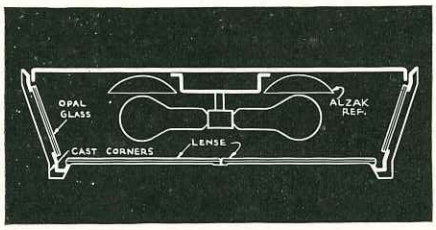
6. ***Angle plaster frame No. 6527 to be installed*** before recessed boxes are inserted into new lath and plaster ceilings. Brazed ¾" x ¾" angle iron frame is rust proof finished and forms accurate opening for box. Mounting holes in box and frame are alike. Frames should be at job when job is begun, so that boxes can be inserted before or after ceiling is plastered. Immediate shipment on No. 6527 frames. Garcy plaster frames are ¼" larger on inside than Box dimensions.

EXPOSED FIXTURES—SURFACE MOUNTED—
OPAL GLASS SIDES

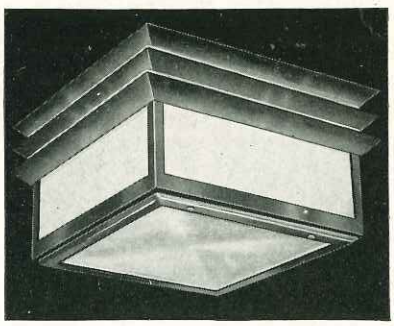
Approved by Underwriters' Laboratories



Illustrated is No. 8252



Section of SLOPED SIDE type.



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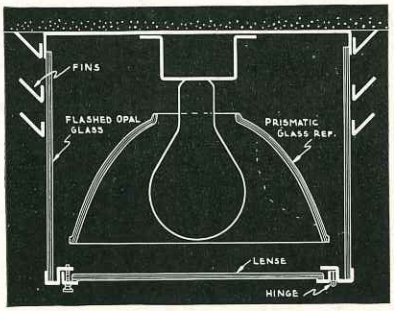


Section of STRAIGHT SIDE Type.

SCHEDULE FOR SLOPED SIDE TYPE

ONE LIGHT UNITS

Fixture Number	Lenses	BOX SIZE Width	BOX SIZE Length	BOX SIZE Depth	LAMPS Vertical or Horizontal	LAMPS Wattage Up To
8241	1—8½"	15½"	15½"	10"	V	150 W
8250	1—12"	18¼"	18¼"	12"	V	300 W

TWO LIGHT UNITS

8243	2—8½"	15½"	24"	10"	V	150 W
8252	2—8½"	14¼"	22¾"	8"	H	150 W
8244	2—12"	20¾"	32¾"	12"	V	300 W
8253	2—12"	18"	30"	8"	H	300 W

FOUR LIGHT UNITS (SQUARE)

8246	4—8½"	24"	24"	10"	V	150 W
8255	4—8½"	22¾"	22¾"	8"	H	150 W
8247	4—12"	32¾"	32¾"	12"	V	300 W
8256	4—12"	30"	30"	8"	H	300 W

SCHEDULE FOR STRAIGHT SIDE TYPE

ONE LIGHT UNITS

Fixture Number	Lenses	BOX SIZE Width	BOX SIZE Length	BOX SIZE Depth	LAMPS Vertical or Horizontal	LAMPS Wattage Up To
8258	1—8½"	10⅜"	10⅜"	9"	V	150 W
8259	1—12"	14"	14"	11"	V	300 W

TWO LIGHT UNITS

8261	2—8½"	10⅜"	18¾"	9"	V	150 W
8262	2—12"	14"	26¼"	11"	V	300 W

FOUR LIGHT UNITS (SQUARE)

8264	4—8½"	19"	19"	9"	V	150 W
8265	4—12"	26¼"	26¼"	11"	V	300 W

Specifications as on page thirteen for recessed units apply to these fixtures with following additions: All fixtures have double strength flashed opal glass sides, vertical lamps and prismatic glass reflectors which allow even light distribution and maximum spread of light beam. Fixtures with horizontal lamps have shallow ALZAK reflectors. All metal work is heavy gauge bronze, satin nickel finish.

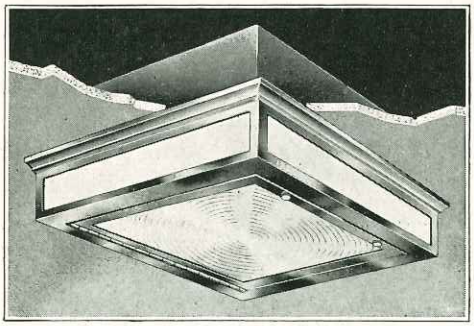
8258-8265 series units are sometimes designed for one or two fins, to reduce apparent height of fixtures. Photo, top of page, shows No. 8259 with 2 fins. Specify number of fins desired. These fixtures available with two semi-circular side glass panels.

FOR AIR CONDITIONING

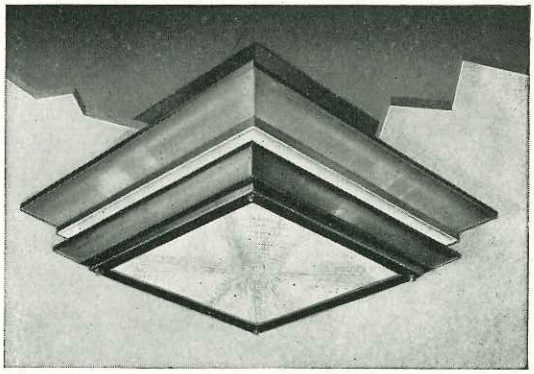
These fixtures available for connection to air ducts, and flow of air into room through fins instead of ventilating grilles combining Air Conditioning and Lighting unit. Write our Engineering Department for further information.

SEMI-EXPOSED LENS UNITS

Approved by Underwriters' Laboratories



Illustrated is No. 8268



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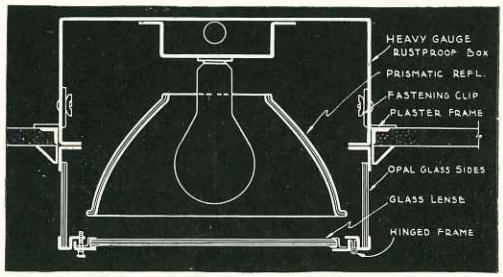
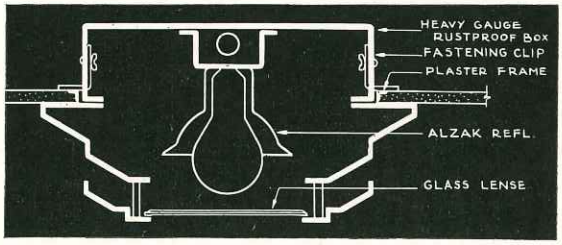


Section No. 8267 to 8274



Section No. 8281 to 8288

SEMI-EXPOSED WITH GLASS SIDES

ONE LIGHT UNITS

Fixture Number	Lenses	FIXTURE SIZE Length	Width	Depth Recessed	Depth Exposed	LAMPS Horizontal or Vert.	Wattages Up To
8267	1—8½"	10⅜"	10⅜"	4¾"	4"	V	150 W
8268	1—12"	14"	14"	6"	4⅞"	V	300 W

TWO LIGHT UNITS

8270	2—8½"	18¾"	10⅜"	4¾"	4"	V	150 W
8271	2—12"	26¼"	14"	6"	4⅞"	V	300 W

SQUARE FOUR LIGHT UNITS

8273	4—8½"	19"	19"	4¾"	4"	V	150 W
8274	4—12"	26¼"	26¼"	6"	4⅞"	V	300 W

SEMI-EXPOSED AND EXPOSED WITH METAL SIDES

ONE LIGHT UNITS

8290	1—6½"	16¼"	16¼"	Exposed	5"	H	100 W
8281	1—8½"	19½"	19½"	4"	5"	V	150 W
8291	1—8½"	19½"	19½"	Exposed	6"	H	150 W
8282	1—12"	22⅞"	22⅞"	5"	6"	V	300 W
8292	1—12"	22⅞"	22⅞"	Exposed	7"	H	300 W

TWO LIGHT UNITS

8293	2—6½"	22¾"	16¼"	Exposed	5"	H	100 W
8284	2—8½"	28"	19½"	4"	5"	V	150 W
8294	2—8½"	28"	19½"	Exposed	6"	H	150 W
8285	2—12"	34⅞"	22⅞"	5"	6"	V	300 W
8295	2—12"	34⅞"	22⅞"	Exposed	7"	H	300 W

SQUARE FOUR LIGHT UNITS

8296	4—6½"	22¾"	22¾"	Exposed	5"	H	100 W
8287	4—8½"	28"	28"	4"	5"	V	150 W
8297	4—8½"	28"	28"	Exposed	6"	H	150 W
8288	4—12"	34⅞"	34⅞"	5"	6"	V	300 W
8298	4—12"	34⅞"	34⅞"	Exposed	7"	H	300 W

SPECIFICATIONS FOR SEMI-EXPOSED UNITS

Specifications listed on page 3 for recessed units apply to this page with the following additions:

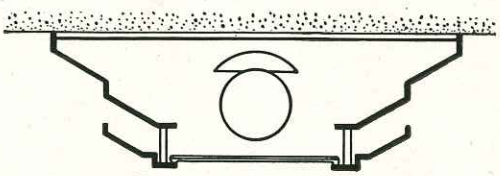
Nos. 8267 to 8274 have glass sides of double strength flashed opal. Prismatic glass reflectors allow even light on glass sides as well as maximum spread of light beam. Enamel finish on steel.

Nos. 8281 to 8288 have metal sides of heavy gauge bronze. Furnished either satin nickel finish (BE) or in natural bronze (BB). Enamel finish on steel is obtainable if desired.

These units give pleasing glow on the exposed metal, but do not illuminate ceiling as well as 8266 series.

EXPOSED UNITS

No. 8290-8298 (sectional view below) are completely exposed fixtures with same features as Nos. 8280-88, except that no provisions are made for recessed box in ceiling. All exposed metal is bronze, although steel, enamel finish can be had. See cut below and table at left.



Typical for Exposed Units
Nos. 8290 to 8298

ROUND DEEP RECESSED UNITS—NOT HOUSED

WITH ALZAK REFLECTORS

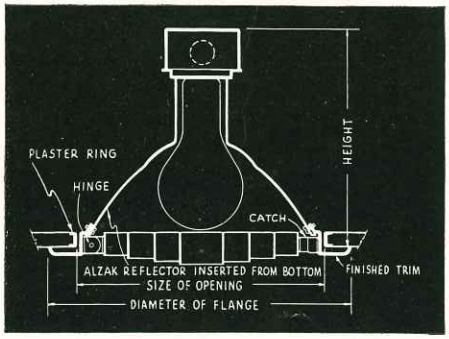
Approved by Underwriters' Laboratories

Illustrated is No. 6782

All Units listed are complete with ceiling flange as shown, ALZAK reflector, socket, and standard junction box. Frosted lamps are recommended for use with these reflectors. All units are furnished unwired. Flanges are cadmium plated, satin finish. Plaster rings are not included unless specified, but should be ordered for all new lath and plaster ceiling installation, order separately.

PLASTER RINGS

No. 6528	6 1/8"	inside diameter
No. 6567	9 1/4"	inside diameter
No. 6529	11 1/2"	inside diameter
No. 6568	13 3/8"	inside diameter
No. 6580	15 1/8"	inside diameter



Section of Typical Recessed Unit

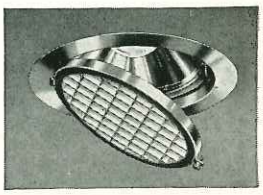
EASY TO INSTALL

Easiest recessed fixtures to install because reflector attaches to frame. Reflector and outlet box can be dropped below ceiling without removing trim, either to install, to clean reflector, or repair wiring.

WITH HINGED CONCENTRIC LOUVERS — LATTICE LOUVERS — OPEN FACE TYPE

No. OPEN TYPE	No. LATTICE LOUVERS	No. CONCENTRIC LOUVERS	For Lamp Watts	Height	Diameter To Cut Opening	Diameter of Flange	Alzak Reflecting Surface
6779	-------	6879	60	9 3/8"	6 1/8"	7-1/16"	Diffused
6766	6769	6772	75—200	10 1/4"	9 1/4"	11 5/8"	Specular
6780	6762(II)	6782	150—300	11"	11 1/2"	14"	Specular
6767	6770	6773(I)	150—300	12 3/4"	13 3/8"	15 5/8"	Diffused

(I) Same item available with mogul socket for 300-500 watt lamp. (Not underwriters approved.)
(II) Square pattern lattice louver is furnished in square hinged frame. The opening size for this unit **(6762)** is 12 1/4" square. Other reflectors are available in square pattern louver frame if desired.

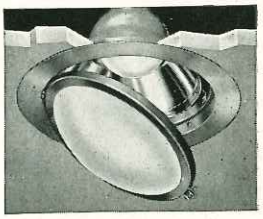


Lattice Louvers

WITH HINGED GLASS BOTTOM

No.	For Lamp, Watts	Height	Diameter To Cut Opening	Diameter of Flange	Diffusing Glass (All Heat Resisting)
6232	150—300	10 5/8"	9 1/4"	11 5/8"	Dished, Sanded.
6233*	300—500	12 3/4"	13 3/8"	15 5/8"	Dished, Sanded

*This item not underwriters approved. For approved item see page 16, Nos. 6791, 6792.



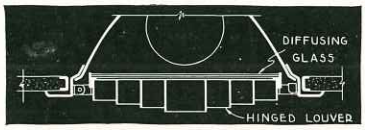
Glass Bottom

WIRE GUARDS

Guards are made of heavy gauge steel, rust-proof finish, and are hinged separately from glass.

Wire Guard Only	Wire Guard With Hinged Glass	Size and Construction Same As
A 6766	A 6232	Nos. 6766, 6232
A 6767	A 6233	Nos. 6767, 6233

WITH GLASS AND LOUVER COMBINED



Concentric louver types and lattice louver types are available with stippled glass attached directly above louver, allowing for wide diffusion of light.

To order, please put the letters "GL" before the number.

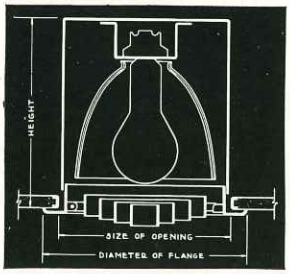
In some cases it is possible to install louver above glass for decorative effect. Write for details, stating type desired.

ROUND DEEP RECESSED UNITS—HOUSED

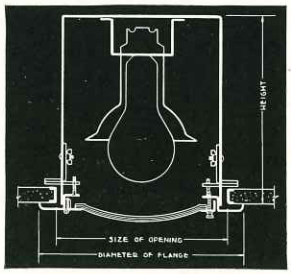
WITH MIRROR GLASS REFLECTOR—WITH ALZAK REFLECTOR—WITH LENS

Approved by Underwriters' Laboratories

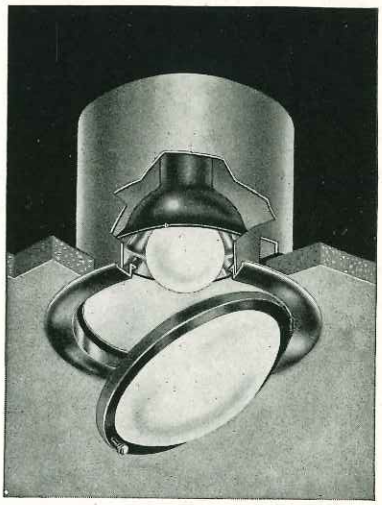
Round deep housed units are obtainable in two principle types; ALZAK processed reflector bottom, or mirror glass reflector. Each unit is complete with ceiling flange (as shown) unwired socket, standard junction box, and reflector. Housing is 16 gauge steel, rustproof aluminized finish. Flanges are cadmium plated, satin finish. Plaster rings are not included unless specified, but should be ordered for all new lath and plaster ceiling installations. To save time and labor installing, the Garcy No. 6579 mounting clips are furnished on all items (see cut page 3).



With Mirror Reflector and Louver Bottom



With Alzak Reflector and Glass Bottom

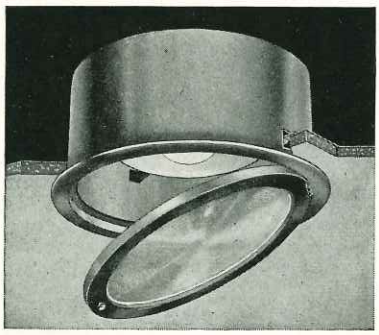


Illustrated is No. 6250
With Alzak Reflector and Glass Bottom

ROUND DEEP HOUSED UNITS — HINGED GLASS AND LOUVER TYPES

HINGED GLASS TYPE		HINGED LOUVER TYPE				Diameter		
With Mirror Reflector	With Alzak Reflector	With Mirror Reflector	With Alzak Reflector	For Lamp, Watts	Height	To Cut Opening	of Flange	Plaster Ring Number
6160	**6250**	**6165**	**6168**	75—200	10 5/8"	9 1/4"	11 5/8"	**6567**
6161	**6163**	**6166**	**6169**	300	17"	13 3/8"	15 5/8"	**6568**
6791	**6792**	**6794**	**6793**	500 W	21"	14 3/8"	16 1/4"	**6568**

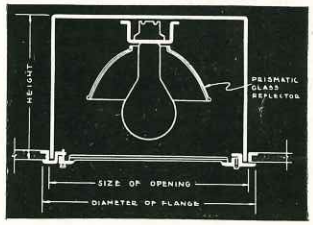
Wire guards available on above units, place letter "A" before number.



No. 6857

ROUND RECESSED LENS UNITS

The round lens of this unit give the same control of light as any square lens unit. All units are complete with lens, reflector for maximum spread of lights, cast aluminum ceiling flange, cast hinged frame, and junction box. Specifications for housing are the same as for units shown at top of page 3. Shallow unit has ALZAK reflector, deep units have prismatic glass reflector.



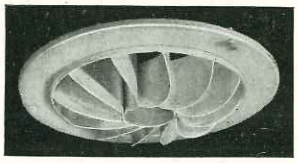
Section of No. 6857

ROUND LENS UNITS—HINGED CAST ALUMINUM FRAME

Number	Maximum Wattage	Diameter of Lens	Height	DIAMETER	
				To Cut Opening	Of Flange
6857	300	13 1/2"	13 3/4"	16 1/4"	17 1/2"
6858	300	13 1/2"	9 3/4"	16 1/4"	17 1/2"

Wire guards are available for above unit. Place letter "A" before Number.

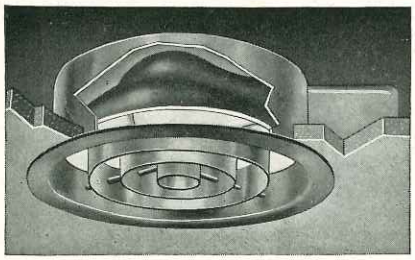
PATTERN TYPE LOUVERS



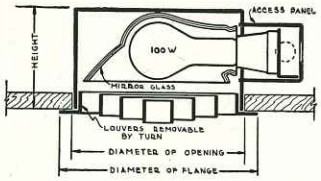
All Garcy recessed louver units are available with various patterns. One of the most popular of these is the Sunbeam, illustrated above. To order a recessed unit with Sunbeam louver specify letters "SB" before number, such as No. SB6772. This louver takes the place of conventional concentric or lattice louver types. It is priced the same as similar lattice louver reflector types. Other designs are available.

SHALLOW RECESSED UNITS

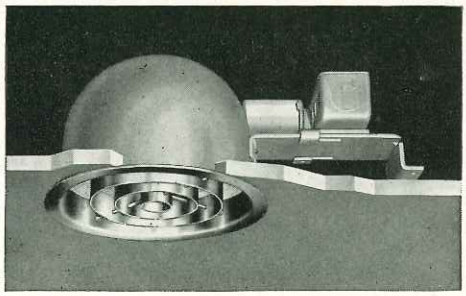
No. 16880 — Approved by Underwriters' Laboratories — Nos. 6880, 6881

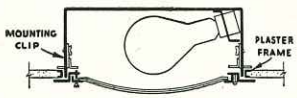


Section No. 16880



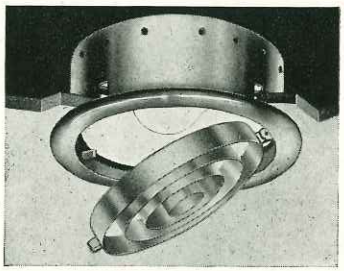
Shallow recessed units are conveniently adaptable to openings with limited depth such as interior store displays, column platforms, or ceilings where available space is limited.



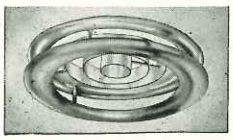


Section No. G6237 with Dished Glass

Nos. 6237-6238 Right



CEILING SPILL RINGS



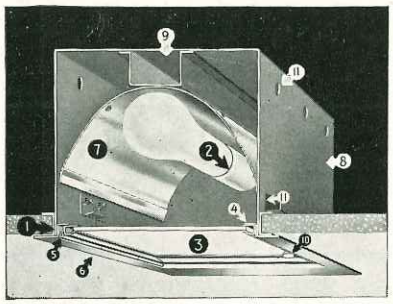
All louver fixtures available with ceiling light spill ring No. 6789 shown above. Spill ring allows some light to be reflected on area of the ceiling around the fixture. Protrudes 1¾ inches from ceiling.

SHALLOW ROUND RECESSED UNITS

CONCENTRIC LOUVER TYPE	DISHED GLASS TYPE	For Lamps, Wattage	DIAMETER To Cut Opening	DIAMETER of Flange	Height	Recommended for ceiling of	Reflector
16880	G16880	to 100 W	7¾"	8¾"	4½"	wood	Mirror
6880		to 100 W	6-1/16"	8"	4¾"	wood	Garco
6881		to 200 W	10-1/16"	12"	5-5/16"	wood	Garco
6237	G6237	2-100 W	9⅜"	11⅜"	5"	plaster	Aluminized
6238	G6238	1-300 W	14"	15¾"	5"	plaster	Alzak

Fixtures marked "wood" are desirable for wood ceilings where access is from above wood panel opening such as top of store fixtures. Fixtures for plaster should use plaster rings No. 6567 for 9¼" and No. 6768 for 13⅜". Sockets not wired. Nos. 6237-8 have 6579 mounting clips (see page 3) incorporated into fixture. Frames are satin nickel finish.

SHALLOW SQUARE RECESSED UNITS



Recessed light box containing opal glass or diffusing plate in hinged frame door. Fluorescent styles have Satin Finish Glass.

FEATURES

1. Easy Installation
2. Angle porcelain sockets
3. Flashed opal glass
4. Channel frame for glass
5. Continuous hinge
6. Wide flange trim frame
7. ALZAK reflecting surface
8. Heavy gauge housing
9. Easy wiring methods
10. Permanent catch
11. Ample ventilation

SCHEDULE OF SOME STANDARD SIZES — OTHER LENGTHS TO 12 FT.

Number	For Standard Lamps	Type	No. of Sockets	BOX DIMENSIONS Depth	Width	Length	Frame Size
6306	Up to 100 W	Square	2	6"	9⅜"	9⅜"	Add 1⅝" to length and width of box.
A6200-1	Up to 100 W	Square	1	7⅝"	7⅞"	7⅞"	
A6210-2	Up to 100 W	Rectangular	2	7⅝"	7⅞"	14⅜"	
B6200-1	Up to 150 W	Square	1	8⅝"	9⅜"	9⅜"	
B6210-2	Up to 150 W	Rectangular	2	8⅝"	9⅜"	17⅜"	
6307	Up to 150 W	Square	2	6"	13⅜"	13⅜"	
C6200-1	Up to 300 W	Square	1	11⅛"	13⅜"	13⅜"	
C6210-2	Up to 300 W	Rectangular	2	11⅛"	13⅜"	25⅜"	
8068—1 row fluorescent rectangular			18",24",36",48"	4"	6"	Add 2" to length of lamps	
8069—2 rows fluorescent rectangular			18",24",36",48"	4"	7½"		

Plaster Frames available for above types order No. 6527. Knock-outs are furnished at ends of box. Finishes (trim and hinged frame) made of brass, satin nickel plated, also furnished in other finishes. Can be made of steel, spray finish. One socket boxes are unwired, others completely wired. All types available with louver under glass. Place letters "GL" before number.

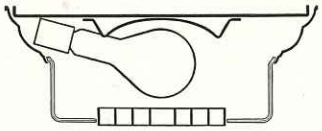
CEILING MOUNTING FIXTURES

Approved by Underwriters' Laboratories

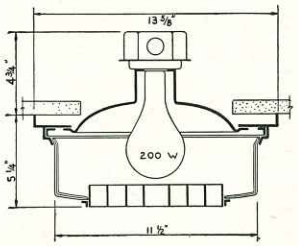
SURFACE MOUNTED

No. 6540

No. 6540 has 12″ glass bowl with cadmium plated fitter mounted to ceiling. Outlet for BX connector located at center of top plate. Has recessed louver in bottom of bowl for direct light, and **ALZAK** reflector over lamp. Takes one 300 watt lamp. Recommended for low ceiling heights.



Section of No. 6540



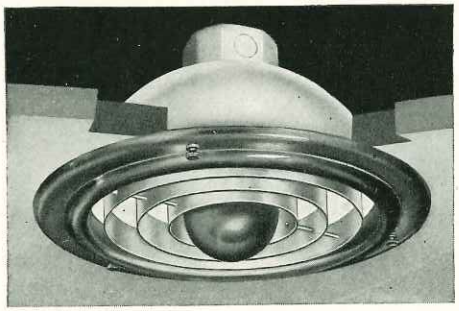
Section of No. 6539

No. 6543

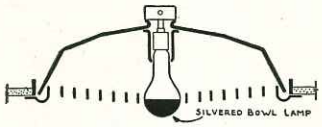
No. 6543 ceiling mounted fixture with 10″ frosted finish glass bowl and ¾″ aluminum ceiling frame. Two 60 W lamps are maximum. Unit measures 4″ in height. All exposed metal is satin finish.

No. 6539 is a semi-recessed fixture similar to 6540. A shallow spun reflector is recessed 5½″ into ceiling. A 13½″ white plate fits flush to ceiling. This item available in 16″ diameter glass for 300 watt.

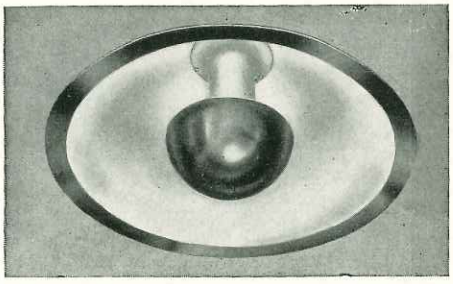
FOR RECESSED MOUNTING



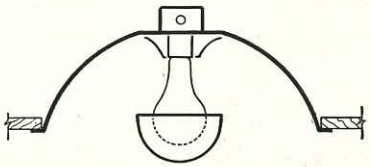
Above photo is of No. C6859. Section below is of No. A6859



No. A, B, C6859 is a spun recessed louver unit utilizing a mirror bowl lamp. Types B and C are matte white finish and A is porcelain enamel. Flange is finished in satin nickel. Flange together with louver rings are removable by thumb screws. Sizes in table below.



Nos. A, B, C6657



No. A, B, C6657 recessed units have spun reflectors with white matte finish. Spinning which conceals lamp is satin nickel finish. Furnished with regular outlet box at top. Table at left gives standard sizes and wattage. No. A6657 has horizontal 12″ diameter glare shield.

SCHEDULE FOR 6657 AND 6859 TYPES

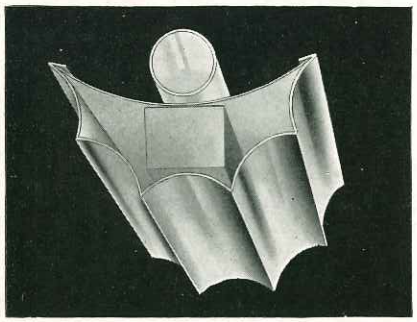
Cat. No.	Flange diameter	Diameter of opening	Overall height	Number of louver rings	Wattage
A6657	28″	27″	11″		300W
B6657	19¼″	18½″	10¼″		200W
C6657	12¾″	11¼″	8½″		100W
A6859	28″	26⅝″	9¾″	7	300W
B6859	19¼″	17⅞″	9¾″	5	200W
C6859	12″	10⅝″	7″	3	100W

FLUORESCENT TROUGH INDIRECTS

Approved by Underwriters' Laboratories

MADE TO ANY CONTINUOUS LENGTHS WITH HANGERS FOR CEILING SUSPENSION

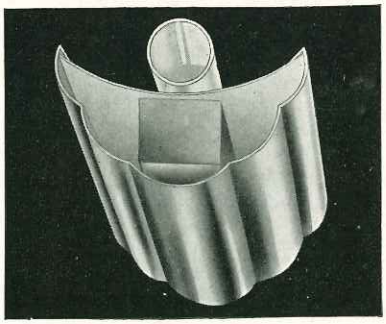
All trough indirects in Cat. 36 are available for fluorescent lamps, (place "FL" before number). Page 61, Cat. 36 contains information on stem hangers and end treatments. Illustrated here are several fluorescent types. Additional rows of lamps can be inserted. Lamps are spaced to run continuous or spaced to overall length ordered.



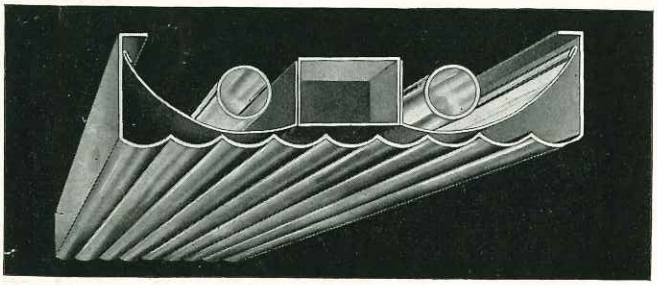
No. 7563

NARROW FLUTED TROUGHS

Nos. 7560, 7563. Formed trough of heavy metal, with cadmium finish or satin nickel finish. Wire channel accommodates necessary auxiliary equipment. Reflector, ALZAK. Lamp spacing, as desired. Width of trough of 7560 is 5½", depth is 3". No. 7563 is 6" wide and 3" deep. Also made of bronze.



No. 7560



No. 7557

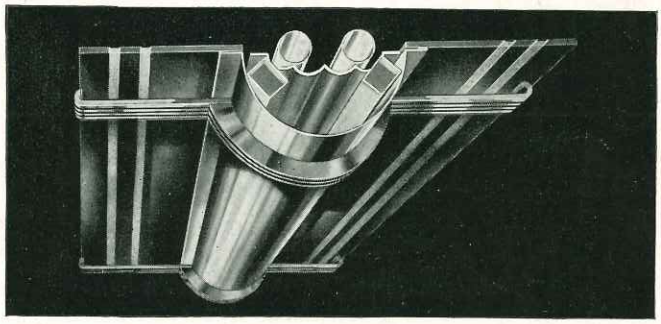
CORRUGATED BOTTOM — 9" WIDTH

No. 7557. Indirect trough for two rows of fluorescent lamps. Wire channel running through center of trough contains auxiliary equipment. Furnished satin nickel finish with ALZAK reflecting surface. Lamp spacing, as desired. Fixtures is 2¼" deep and 9" wide. Also available in lacquer finishes.

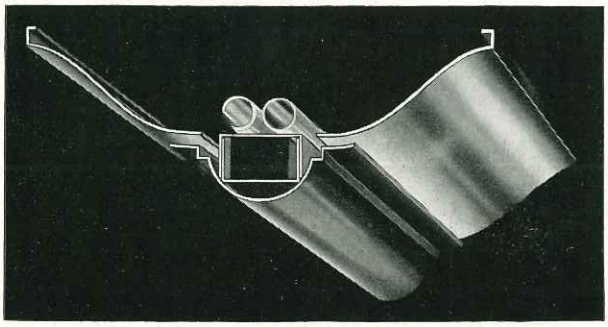
No. 8065

20" FIXTURE EDGE LIGHTED SIDES

No. 8065. Trough is satin aluminum, supports are polished aluminum, interior is aluminized finish at intervals. Clear plastic sides have sand blast stripes. Plastic is illuminated from inside edge. Width including plastic is 20". Trough is 5" deep. For treatments and types of stem hangers see page 61, Cat. 36. Item as shown for 2 rows of fluorescent lamps; 3 or 4 rows of lamps are available.



No. 7562

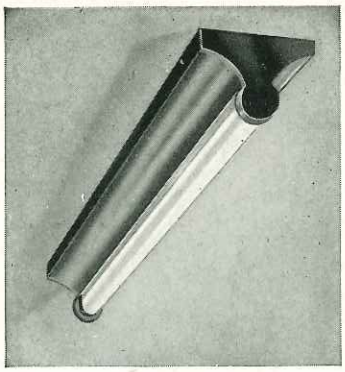


"SPILL LIGHT" ILLUMINATED SIDES

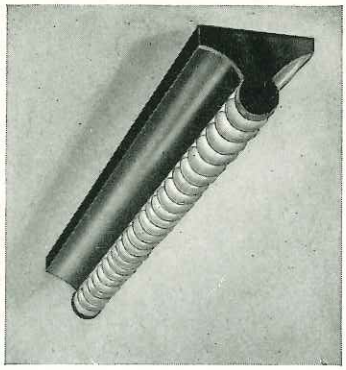
No. 7562. Fluorescent trough indirect for two rows of lamps. Wire channel contains all auxiliary equipment. Furnished for any lamp spacing. Trough formed of brass and is satin nickel plated. Dropped bottom allows for spill light on metal sides. Trough is 14" wide and 5" deep.

FLUORESCENT CEILING UNITS

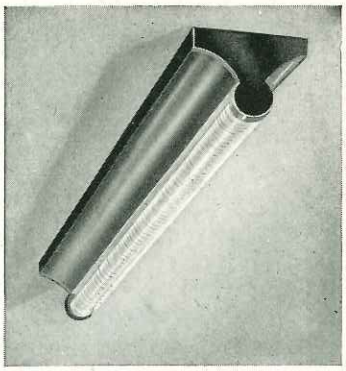
Approved by Underwriters' Laboratories



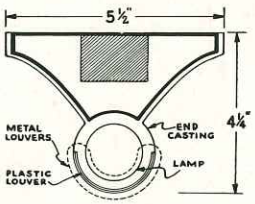
No. 8005



No. M8005



No. P8005

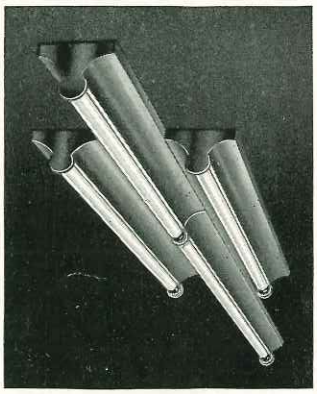


Sectional view of No. 8005 unit.

Illustrated above are three types of No. 8005 units ideally suited for decorative or general lighting in stores, theaters, lobbies, etc. Standard finish is ALZAK with satin finish end castings. Available in multiple lamp lengths and single lamp units. Furnished completely wired including auxiliaries — will mount any standard outlet box. No. M8005 has removable semi-circular metal louvers. No. P8005 shows an unusually effective plastic louver. For either 1" or 1½" diameter lamps. Spread of light illuminates ceiling.

PATTERN COMBINATIONS WITH No. 8005

Three illustrations below suggest ways in which No. 8005 units may be combined to form attractive decorative patterns. Patterns shown can be factory supplied ready for mounting.

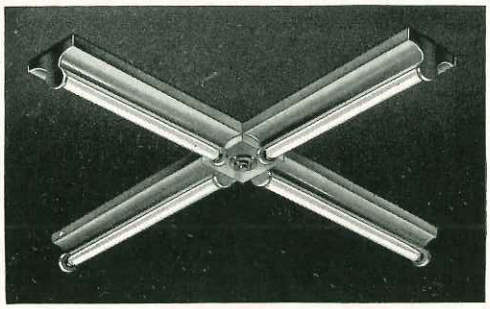


Pattern "A"

Grouping left makes use of four 8005 units. Variations on this pattern can easily be made by using longer lamp units in the middle than on sides.

Pattern "B"

Group above was accomplished with 8005 units placed side by side and end to end to produce continuous "line of light" effect.



Pattern "C"

"Cross" pattern achieved by fastening four 8005 units to square connecting box. Connectors can be made in other than 90° angle boxes for different relation of elements. Pattern "C" as well as "A" and "B" can be supplied with metal louvers (M8005) or with special plastic louver (P8005).

Fixtures on this page recommended for 18", 24" and 48" lamps. Lamp sockets white in color are standard on exposed lamp fixtures.

FLUORESCENT "LUMI-GLASS" SIGNS

(Reg. U. S. Pat. No. 2,135,859)

INDIVIDUAL INTERCHANGEABLE LETTERS WHITE AND COLORS

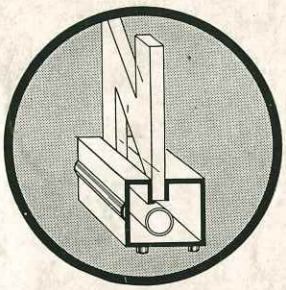
Utilizing bright low current consuming fluorescent lamps, "Lumi-Glass" is now more attractive than ever. Such colors as red, green, gold, as well as "daylight" add considerably to their appeal. Individual, interchangeable letters are obtainable in any style or size. All signs are furnished wired ready to install. Counter types have cord and plug, other styles are furnished with BX connectors.

FOR COUNTERS

No. FL7002

Also available for end mounting with wall plate attached for mounting. Mounting style is Type B. (Catalog 36, page 74).

This counter type unit represents the smallest and lowest cost application of "Lumi-Glass," mounted on legs and furnished complete with cord, plug and necessary auxiliary equipment. Standard finish is mahogany lacquer, satin nickel trim. Size is 2⅝" high, 3⅜" deep.



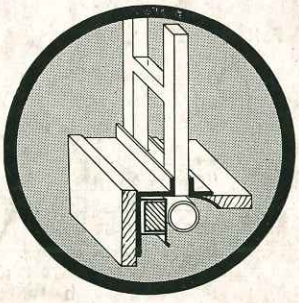
No. FL7002, counter type

HANGING DIRECTIONAL SIGNS

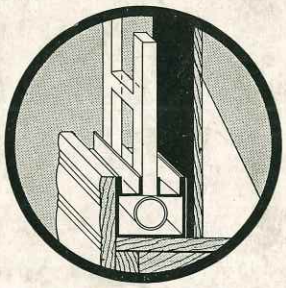
No. FL7007 hanging "Lumi-Glass" signs make unusually effective directional signs. Furnished complete with canopies and hangers. (Can also be hung by airplane wires.) For white letters, dark baffle suggested. Double signs are furnished with baffle between. (DFL7007). Size, finish and construction of housing, same as No. FL7002, above.

FOR WALLCASE, CORNICES, WALL MOUNTING AND SIGNS

No. FL7005 reflects light downward into case as well as illuminating glass letters above. Used around wall cases of stores for departmental signs as in photo of store, left. Steel housing is aluminized finish, reflector is ALZAK. Furnished completely wired with auxiliaries. Size is 2⅝" high and 4¼" deep.



Sectional View of No. FL7005 for wall case cornice



No. FL7001, recessed type. (2⅞" high, 3⅜" deep)

No. FL7003. Wall mounted type. Formed housing of solid bronze or nickel silver is satin finish. (3" high, 3¾" deep.)